

**SECRET**

2 September 1959

SYCAMORE 9-4171  
RYAN 1-3361

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*JRC*  
17 SEP  
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Washington 4, D. C.

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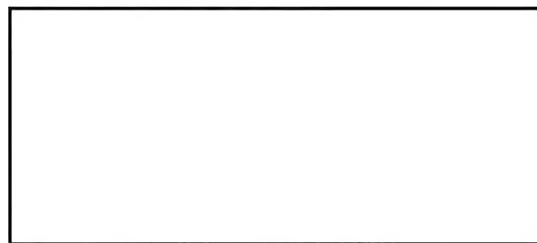
Subject: Contract [redacted] Progress Report

Dear Sir:

Attached hereto is a progress report for August on T.O. 2 of the subject contract. Also attached is our present completion schedule and a preliminary concept of the equipment layout.

Please note that the system delivery dates shown as April, May, June and July 1960 are later than the contract delivery schedule. A formal request for extention of delivery schedule will be forthcoming. Contract expenditures to date are within budget as compared to percentage of completion of work.

Very truly yours,



Contract Administrator

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HRE/pe

cc: Contracting Officer

Declass Review by NIMA/DOD

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PROGRESS REPORT

W.O. 113

28 August 1959

Introduction

During this reporting period 5 August to 28 August mechanical and electrical design has progressed on the Reader and Printer. The Control Rack has been selected and the individual chassis have been assigned functions. Preliminary design of the control chassis and panels and the interconnection cabling has started.

The engineering compliment has been selected and organized, mostly from personnel who worked on the engineering model. An organization chart is attached to this report.

Design

1. Reader - Mechanical design is 30% complete. Breadboards of an automatic tape (or film) transport and of a photomultiplier transport mechanisms have been tested.

Electrical design is 10% complete. Preliminary design of the Reader (and Printer) electrical circuitry is 90% complete. Package design of electrical assemblies has started.

2. Printer - Mechanical design is 40% complete. Cassette drawings have been started.

Electrical design is 10% complete. Much design on the Reader is applicable to the Printer.

Preliminary design of the electrical system is complete.

3. Electrical Racks - Preliminary design of the electrical racks and chassis is complete. A preliminary concept of the equipment layout is shown in Figure 1. Design of the closed circuit T.V. system and of the control system has been started. This will include the detail design of electrical racks. This part of the design has been delayed longest to gain more test data on the engineering model.

Production

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A new senior engineer on the project, [redacted] has been placed in charge of electrical assembly, inspection, and system test. He will form the group of electronic technicians who will assemble and test the equipments.